



DEFENSE LOGISTICS AGENCY  
LAND AND MARITIME  
POST OFFICE BOX 3990  
COLUMBUS, OH 43218-3990

May 1, 2014

Ms. Beth Parker  
Microsemi Lawrence  
6 Lake Street  
Lawrence, MA 01841-3011

Dear Ms. Parker:

Re: Notification of Re-Qualification, MIL-PRF-19500P, FSC 5961; VQ (VQE-14-027971), CAGE Code 43611, Control # 042702

Re-Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type(s) JAN1N649-1 and JAN1N4148-1 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification(s) /240 and /116. Groups A, B2, and C6 testing was performed to qualify a wafer fabrication process change on the front silver button. Extension is granted to the other devices listed below as allowed by paragraph E.4.2.2 (Qualification by Extension). Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. This qualification is effective as of May 1, 2014. The starting lot date code is 1320 for the /240 product and similar devices and 1322 for the /116 product and similar devices.

Government Designation	ESD Class <u>6</u> /	Manufacturer Designation	Test Report Reference	Perform Spec.	Manufacturer Name & Address
** 1N4148-1, UR-1	3A	CDWR	19600-2377-08	/116	Same as above
** 1N914, UR					
** 1N4454-1, UR-1				/144	
** 1N4150-1, UR-1				/231	
** 1N3600					
** 1N645-1, UR-1	2		19500-1474-06	/240	
** 1N647-1, UR-1					
** 1N649-1, UR-1					
** 1N4153-1, UR-1	3A		19500-2377-08	/337	

6/ Testing is compliant to the latest revision of MIL-STD-750 Test Method 1020.3

\*Includes JAN and JANTX quality levels

Plant 1: Same as above

\*\* Includes JAN, JANTX & JANTXV quality levels

This qualification approval is based upon your Groups A, B2, and C6 data submitted under your letter dated March 31, 2014 requesting requalification. Test report 19500-4186-14 has been assigned to your data but will not be reflected in the QML. This qualification is subject to the conditions as stated in the SD-6 and DOD 4120.24M.



Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product. If you have any questions, please contact Mr. Deslich at 614-692-0593.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE  
Chief  
Sourcing and Qualifications Division